



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, June 18, 2017

Issued: 0800 CT

Day 1 Hazards: Slight risk for severe storms over AR, E OK and NE TX.
Damaging winds and hail the main threats

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Sunday

- Slight risk for severe storms over SE OK, AR and NE TX. Damaging winds and hail the main threats .

Monday – Tuesday

- Marginal risk for severe storms over LA on Monday
- Marginal risk for severe storms over NE NM on Tuesday

Wednesday-Thursday

- Heavy rainfall possible across S/SE LA depending upon track of potential tropical system

Tropical Weather Outlook

- A broad area of low pressure (Invest 93) over the NW Caribbean Sea is expected to gradually strengthen as it moves NW across the Yucatan Peninsula later today and over the southern or central Gulf of Mexico on Monday and Tuesday where a tropical or subtropical cyclone is expected to form.
Formation chance through 48 hours is 60%. Formation chance through 5 days is 90%
- A tropical wave located about 1000 miles ESE of the Windward Islands has changed little in organization since yesterday. Development is possible over the next couple of days before conditions become unfavorable for tropical development. System is expected to continue moving WNW at 20 mph.
Formation chance through 48 hours is 50%. Formation chance through 5 days is 50%

*FEMA Region 6 Threat Matrix

Jun 18, 2017 - Jun 22, 2017

	SUN	MON	TUE	WED	THU
Severe Weather	AR, E OK, NE TX	LA	NE NM		
Heavy Rain / Flash Flooding		LA		S/SE LA	S/SE LA
Fire Weather					
River Flooding	SE LA, E AR	SE LA, E AR			
Tropical Weather					

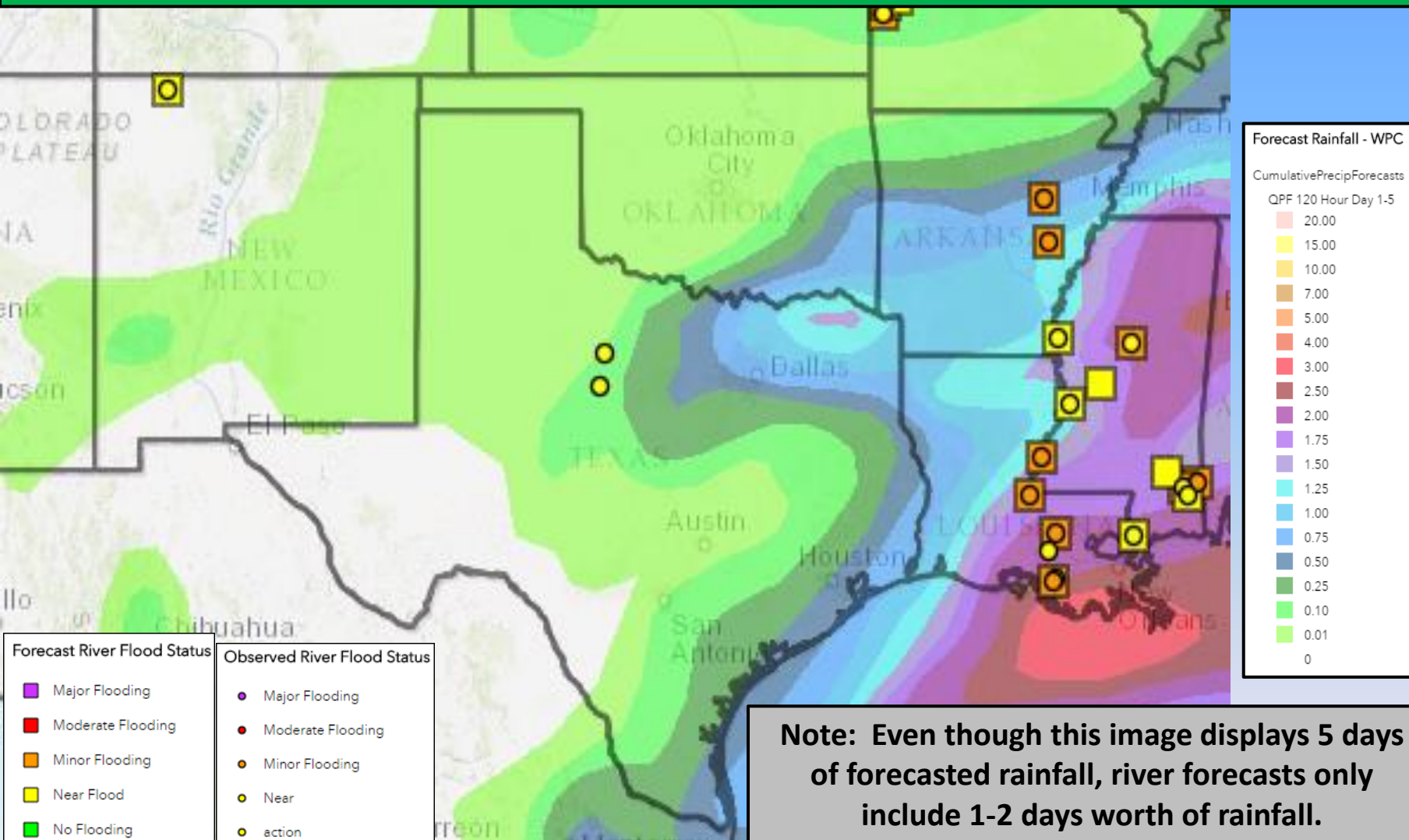
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



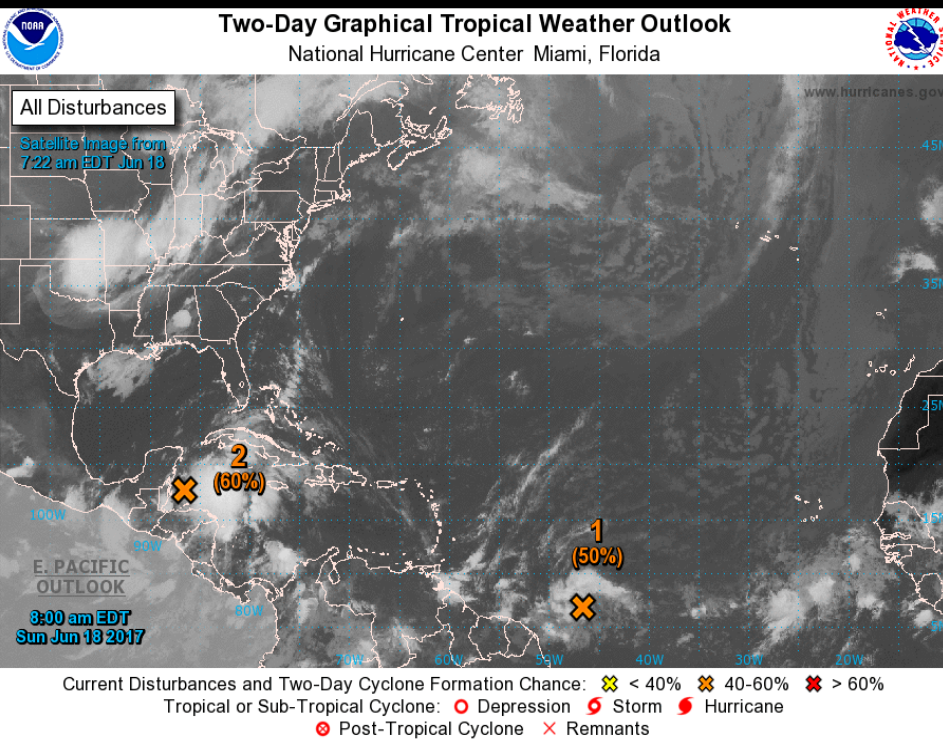
5-Day Precipitation Forecast & River Flood Status

- The Mississippi River and areas in southeast LA continues to slowly recede
- Minor flooding observed in eastern AR will continue to slowly recede



For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



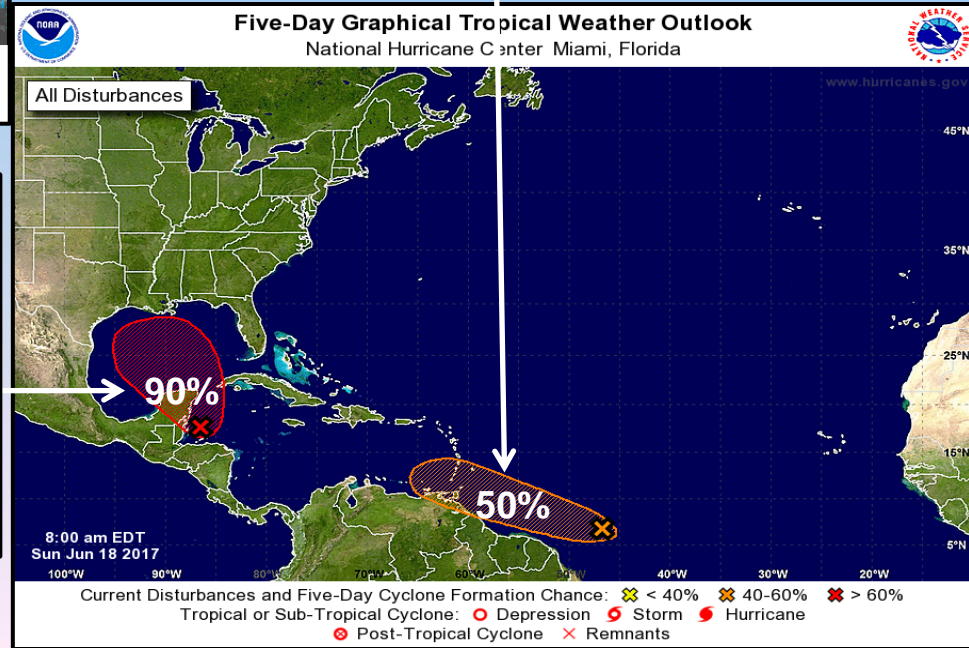
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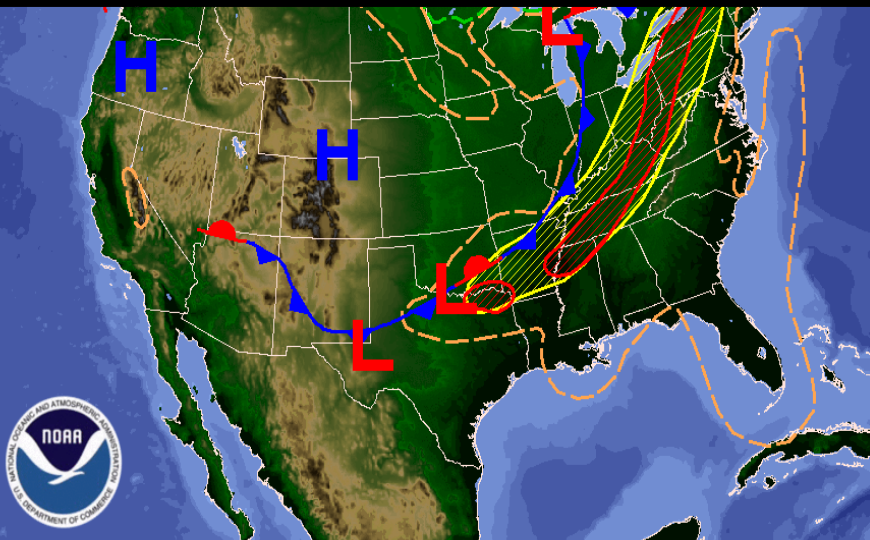
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Formation chance through 5 days is 50%



Today's Weather

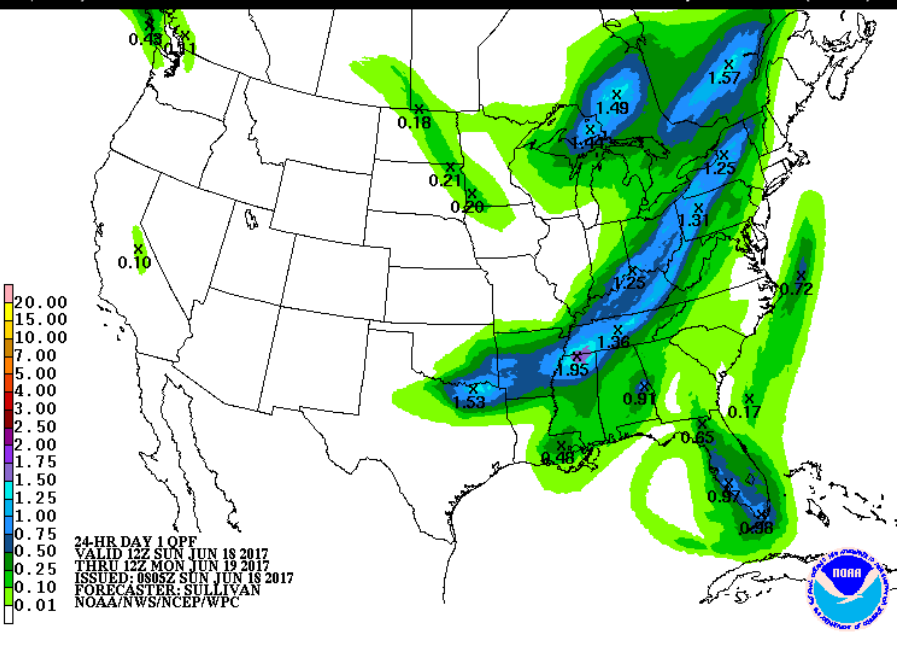


Day 1 National Forecast Chart

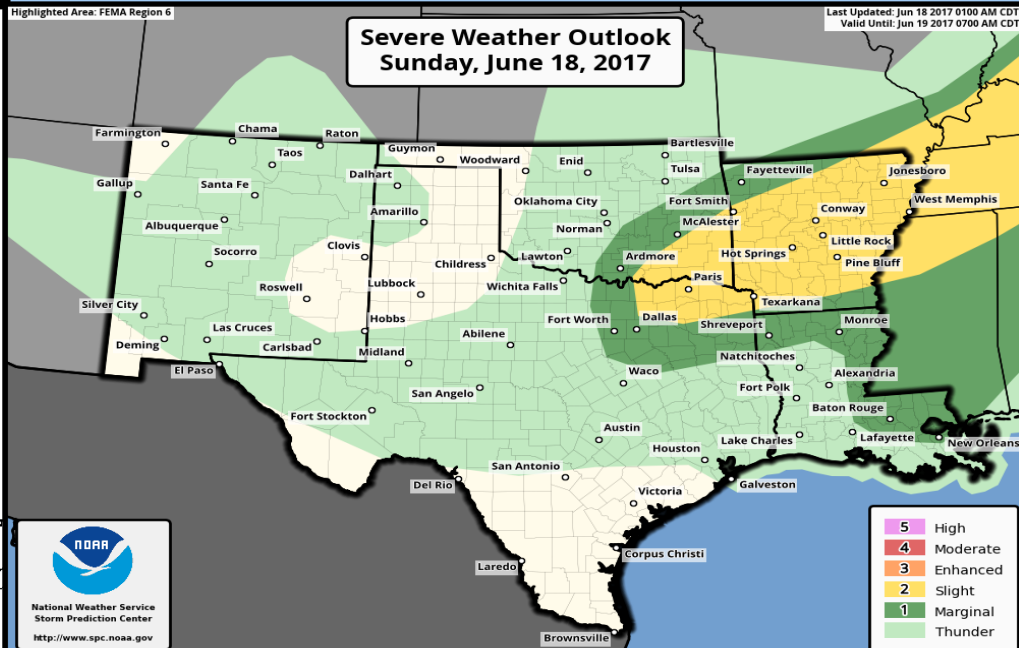
Valid Sun, Jun 18, 2017, issued 4:43 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Slight risk for severe storms over AR, SE OK, and NE TX. Damaging winds and hail the main threats



24-HR DAY 1 O/PF
 VALID 12Z SUN JUN 18 2017
 THRU 12Z MON JUN 19 2017
 ISSUED: 0605Z SUN JUN 18 2017
 FORECASTER: SULLIVAN
 NOAA/NWS/NCEP/WPC



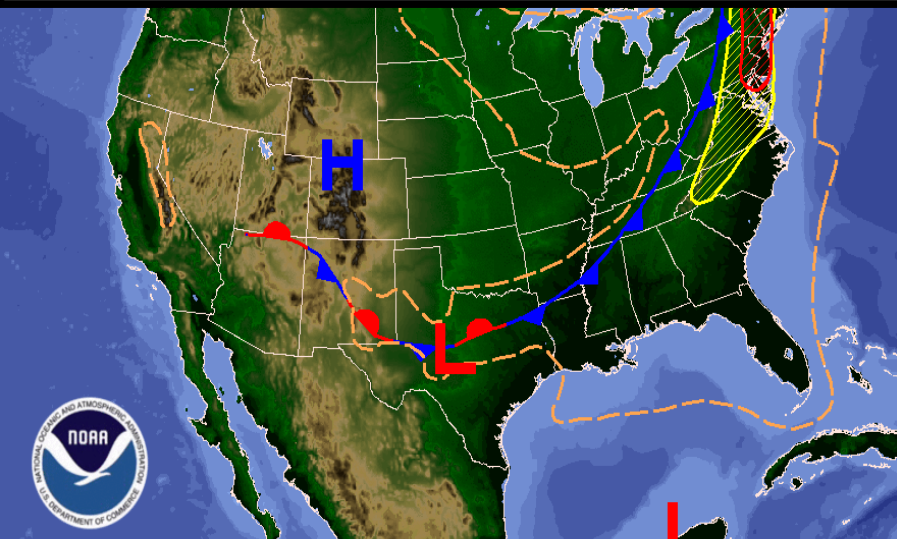
**Severe Weather Outlook
 Sunday, June 18, 2017**

Last Updated: Jun 18 2017 0100 AM CDT
 Valid Until: Jun 19 2017 0700 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

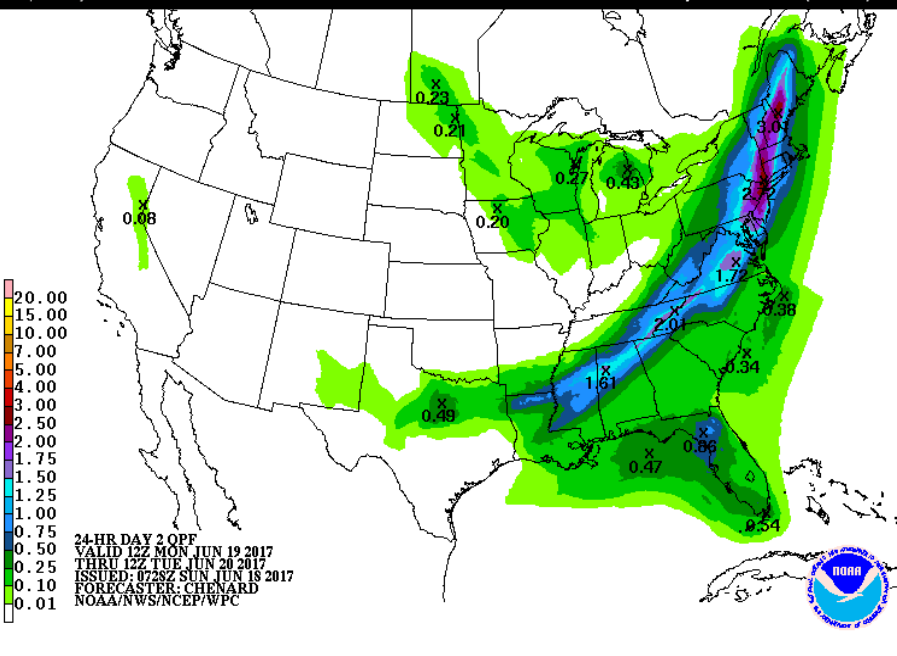
Tomorrow's Weather



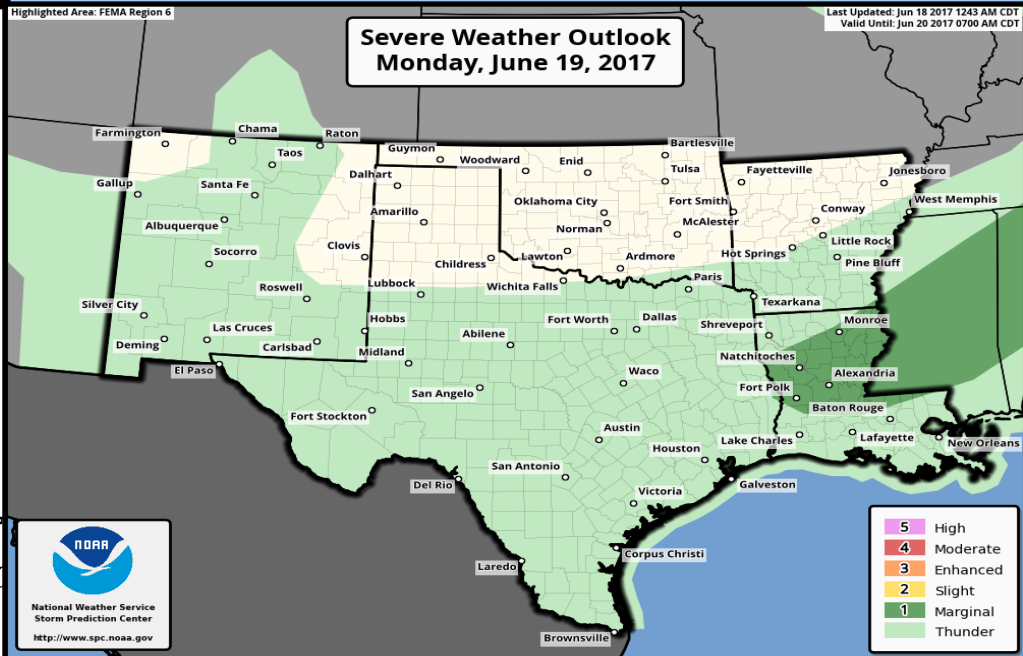
Day 2 National Forecast Chart

Valid Mon, Jun 19, 2017, issued 4:48 AM EDT Sun, Jun 18, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

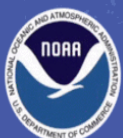
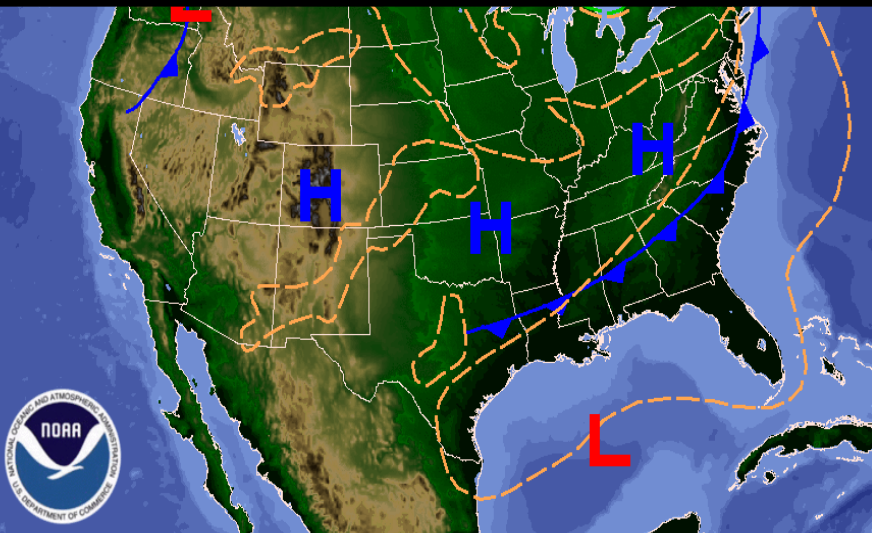
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



Marginal risk for severe storms over LA



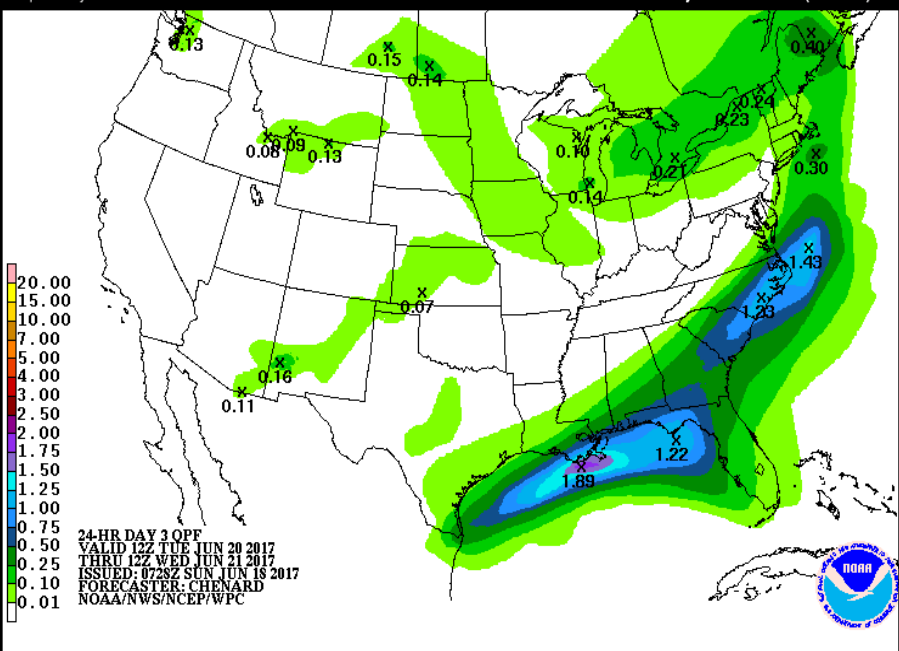
Tuesday's Weather



Day 3 National Forecast Chart

Valid Tue, Jun 20, 2017, issued 4:51 AM EDT Sun, Jun 18, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 3 QPF
 VALID 12Z FRI JUN 20 2017
 THRU 12Z WED JUN 21 2017
 ISSUED: 0728Z SUN JUN 18 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC

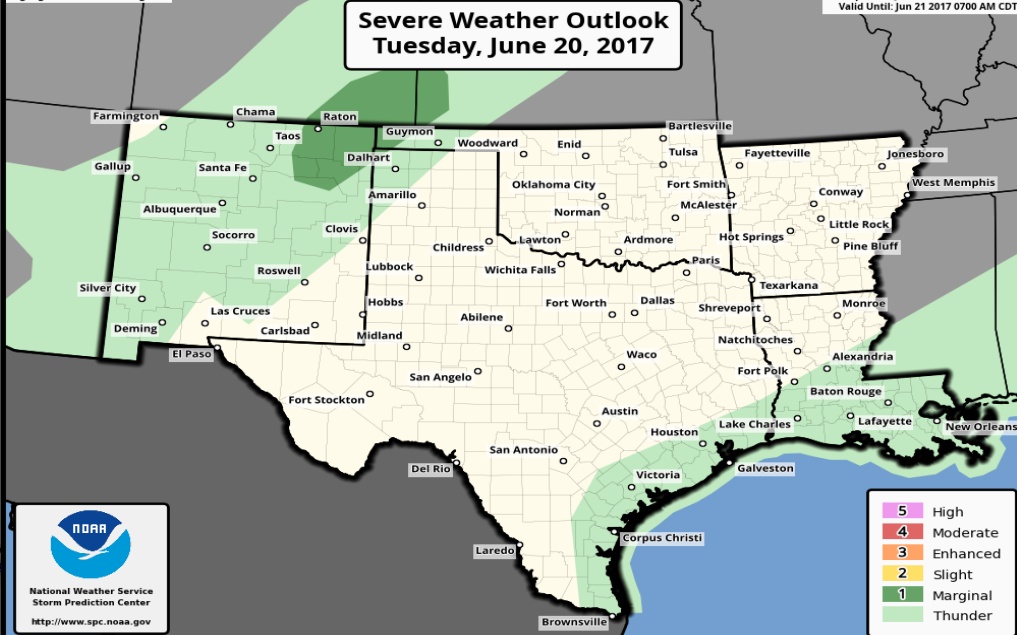


Marginal risk for severe storms over NE NM

Highlighted Area: FEMA Region 6

Severe Weather Outlook Tuesday, June 20, 2017

Last Updated: Jun 18 2017 0230 AM CDT
 Valid Until: Jun 21 2017 0700 AM CDT



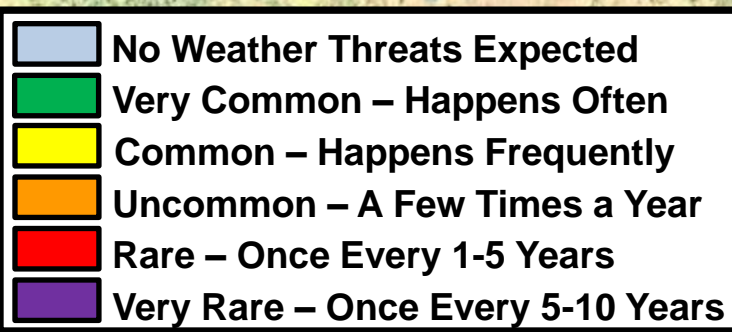
- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



Heavy rainfall may move into S/SE
LA Wed and Thu from potential
tropical system currently in NW
Caribbean Sea

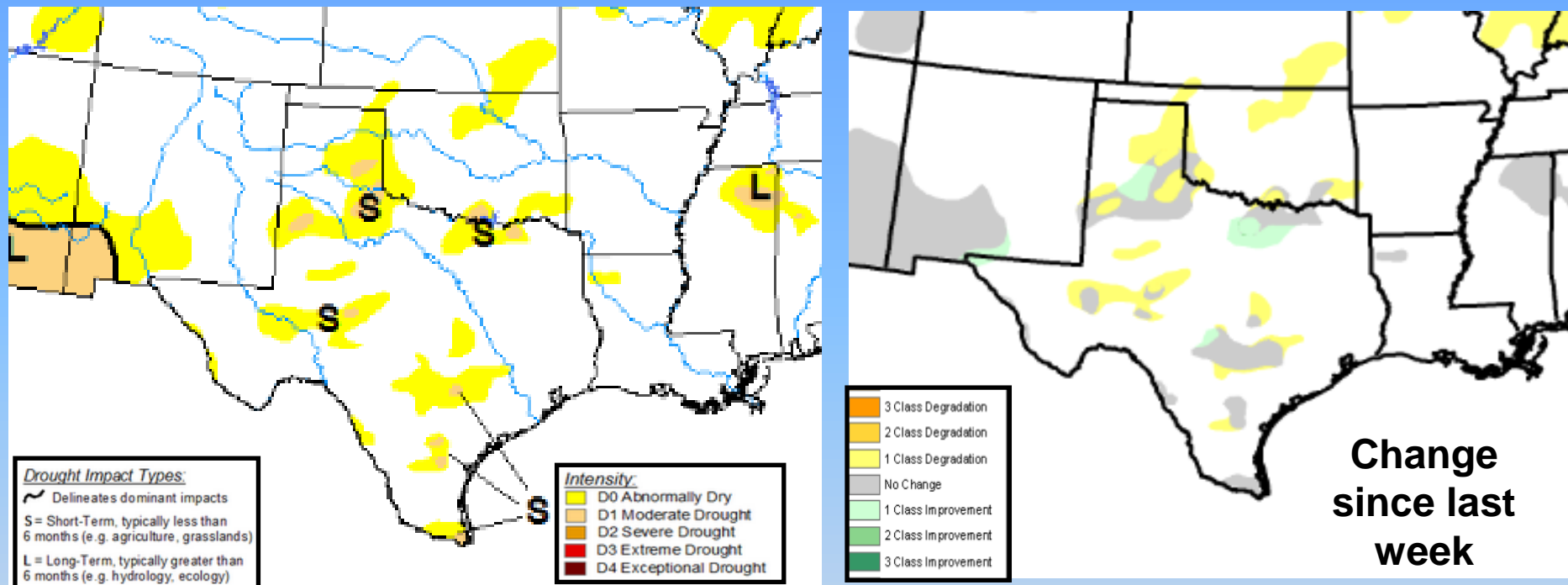


*Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.



Drought Monitor Released June 15th, 2017

Data valid as of 7am CST, Tuesday, June 13, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.17%	0.00%
Arkansas	0.00%	0.00%	2.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

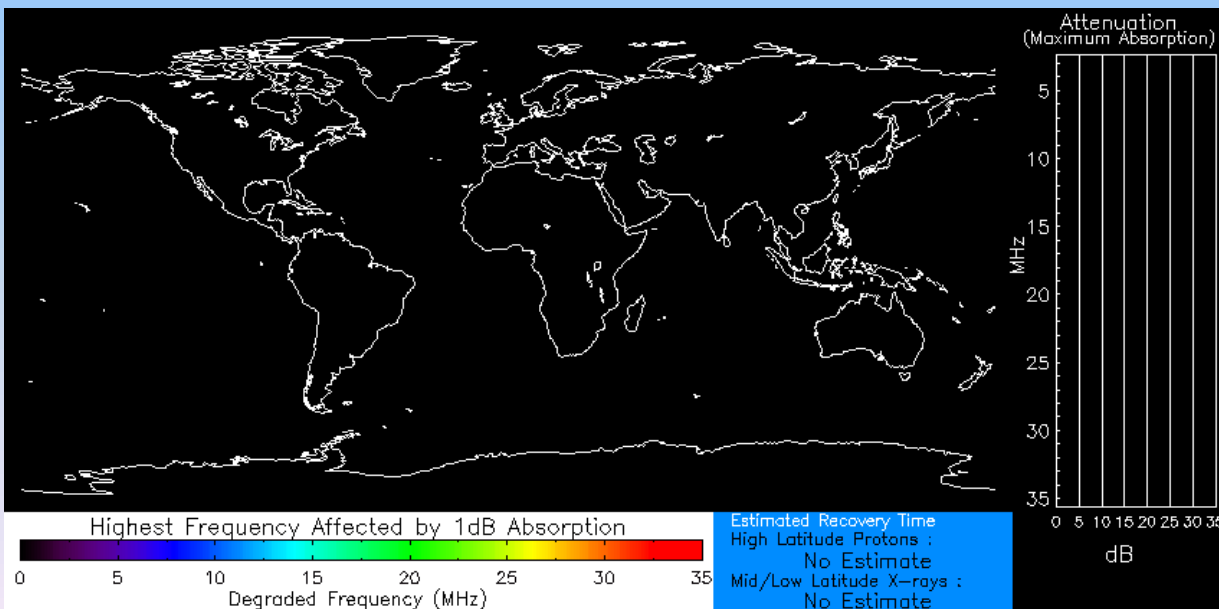
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

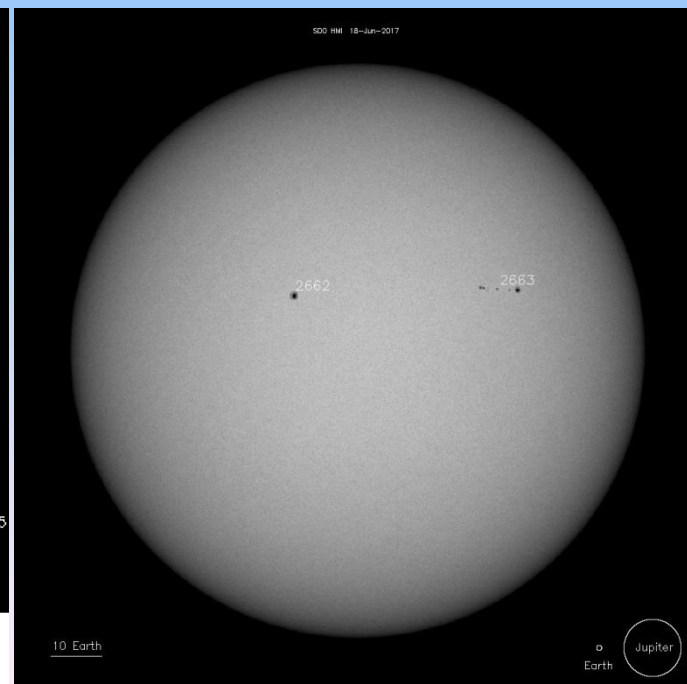
[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Estimated Recovery Time
High Latitude Protons :
No Estimate
Mid/Low Latitude X-rays :
No Estimate

Normal X-ray Background
Product Valid At : 2017-06-18 13:07 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms